

In the Claims

1. **(currently amended)** A flame retardant polymeric electrical part composition which comprises

(a) a thermoplastic resin and

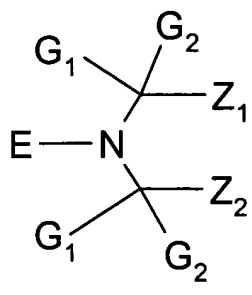
(b) an effective flame retarding amount of a synergistic mixture of

(i) at least one sterically hindered alkoxyamine stabilizer and

(ii) at least one conventional organohalogen flame retardant,

where the weight ratio of component (i) to component (ii) is between about 1:5 to about 1:200 and where the mixture of component (b) is present from about 8% to about 17% by weight based on the weight of component (a) and

where the alkoxyamines of component (i) are of the formula



where

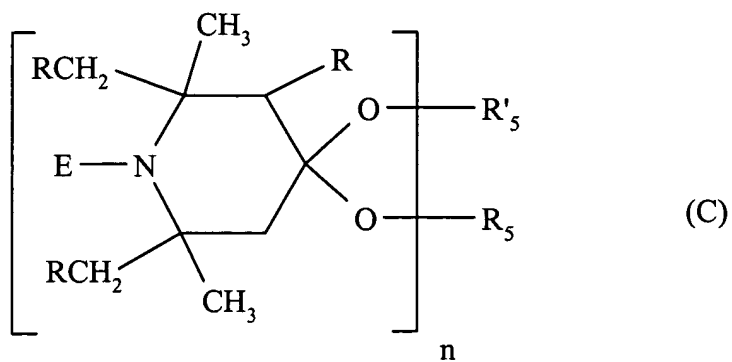
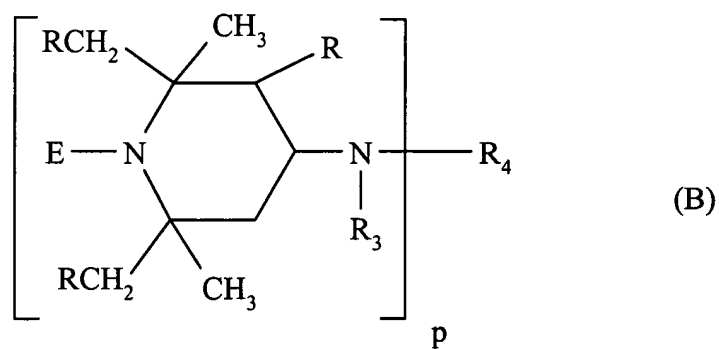
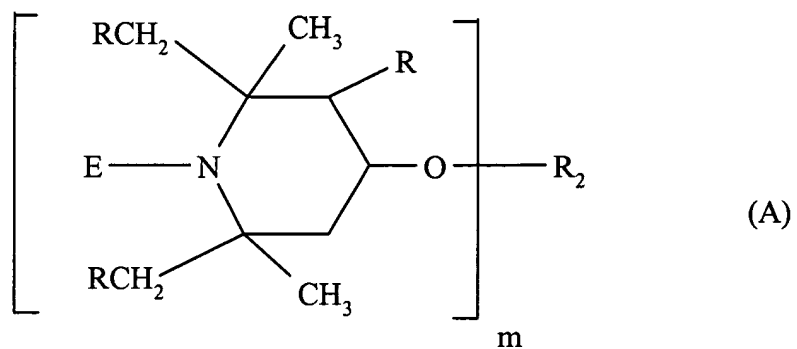
G₁ and G₂ are independently alkyl of 1 to 8 carbon atoms or are together pentamethylene,

Z₁ and Z₂ are each methyl, or Z₁ and Z₂ together form a linking moiety which may additionally be substituted by an ester, ether, amide, amino, carboxy or urethane group, and

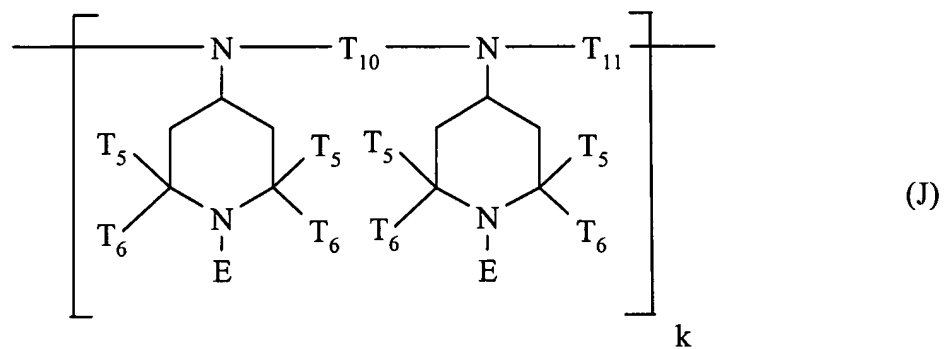
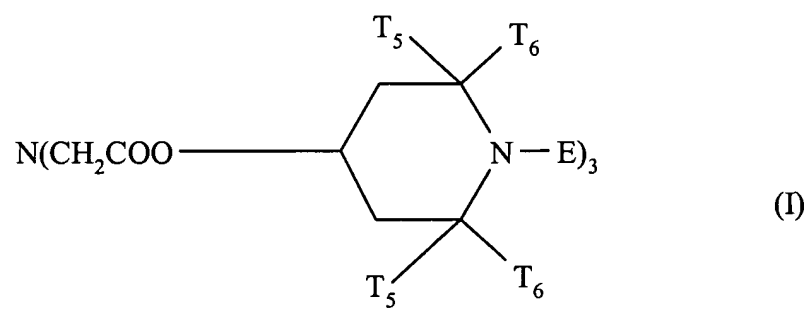
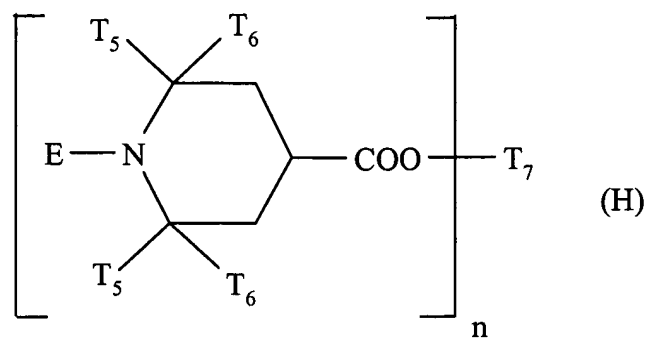
E is -O-methyl, -O-propyl or -O-cyclohexyl.

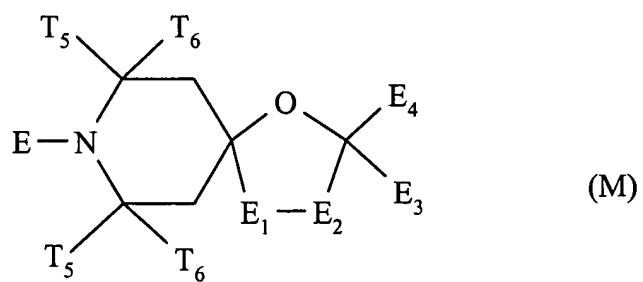
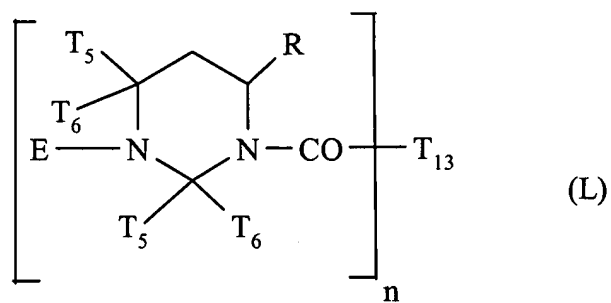
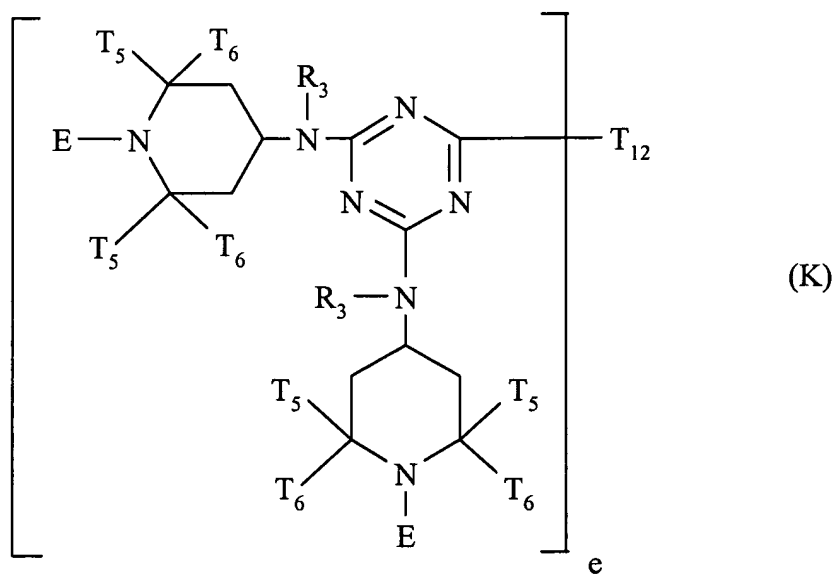
2. (canceled)

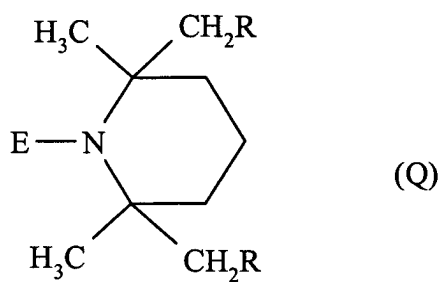
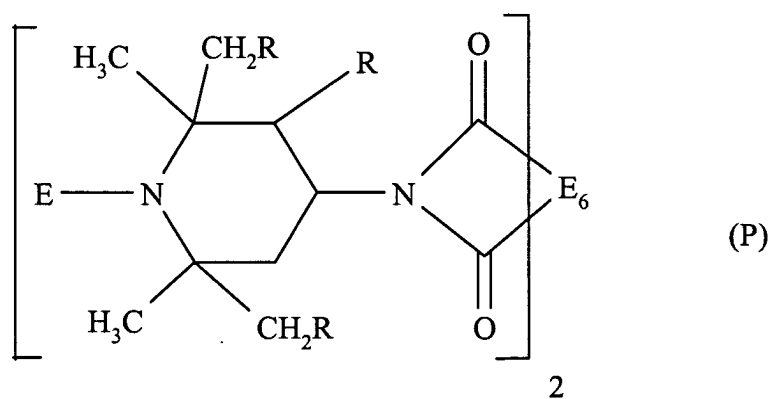
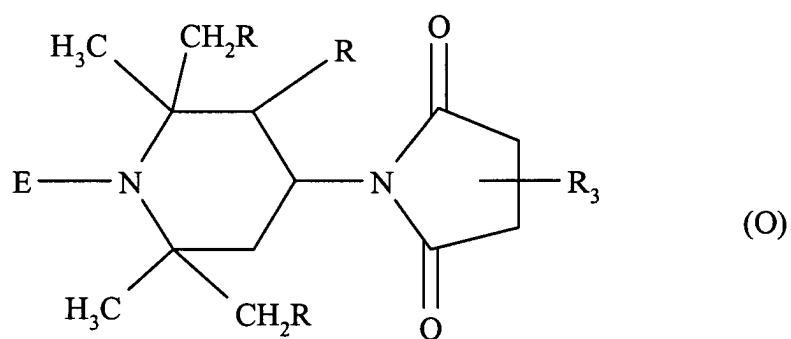
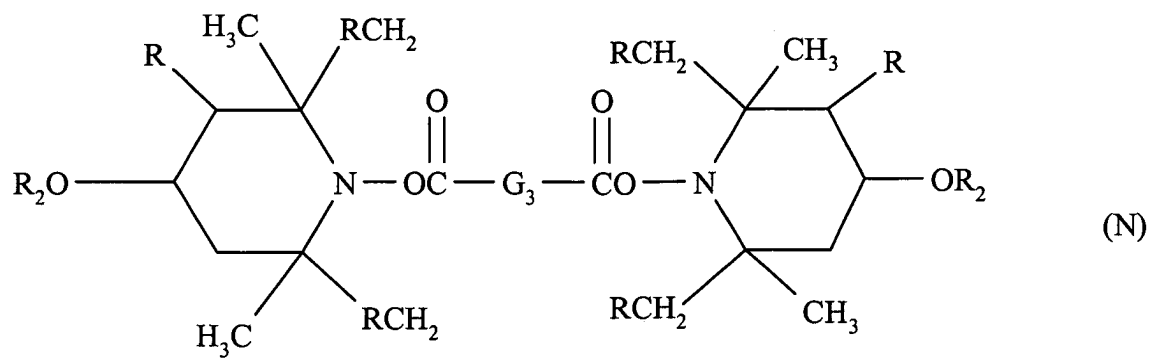
3. (currently amended) A composition according to claim [[2]]1 where the alkoxyamines of component (i) are of the formula A-R

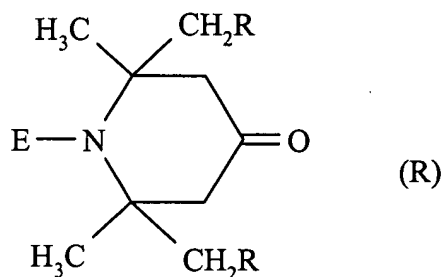


$$\left[\begin{array}{c} \text{RCH}_2 - \text{C}(\text{CH}_3) - \text{C}(\text{R}) - \text{N}(\text{R}_6) \\ | \quad \quad \quad | \quad \quad \quad || \\ \text{E} - \text{N} \quad \quad \quad \text{O} \\ | \quad \quad \quad | \quad \quad \quad / \\ \text{RCH}_2 - \text{C}(\text{CH}_3) - \text{C}(=\text{O}) - \text{N} - \text{R}_7 \\ | \quad \quad \quad | \\ \text{O} \quad \quad \quad \text{O} \end{array} \right]_n \quad (\text{D})$$
$$\begin{array}{c}
 \text{RCH}_2 \quad \text{CH}_3 \\
 \diagdown \quad / \\
 \text{C} \\
 | \\
 \text{E}-\text{N} \\
 | \\
 \text{RCH}_2 \quad \text{CH}_3 \\
 \diagup \quad \diagdown \\
 \text{C}
 \end{array}
 \begin{array}{l}
 \text{--- R} \\
 \text{--- Q}_1 - \text{E}_7 - \text{CO} - \underset{\text{H}}{\text{N}} - \underset{\text{H}_2}{\text{C}} - \text{OR}_{10}
 \end{array}
 \tag{E}$$
$$\begin{array}{c}
 [T_3]_k \\
 | \\
 \text{CO} \\
 | \\
 Q_1 \\
 | \\
 \begin{array}{c}
 \text{R} \\
 \diagup \\
 \text{H}_3\text{C} \quad \text{CH}_3 \\
 \diagdown \quad \diagup \\
 \text{RCH}_2 \quad \text{CH}_2\text{R} \\
 | \\
 \text{N} \\
 | \\
 \text{E}
 \end{array}
 \end{array}
 \quad (F)$$
$$\left[\begin{array}{c} \text{T}_5 \quad \text{T}_6 \\ \diagdown \quad \diagup \\ \text{M} \text{---} \text{C} \\ \diagup \quad \diagdown \\ \text{N} \text{---} \text{C} \text{---} \text{E} \\ \diagdown \quad \diagup \\ \text{Y} \text{---} \text{C} \\ \diagdown \quad \diagup \\ \text{T}_5 \quad \text{T}_6 \end{array} \right]_n \quad \text{---} \text{T}_4 \quad \text{(G)}$$









wherein

~~E is alkoxy of 1 to 18 carbon atoms, cycloalkoxy of 5 to 12 carbon atoms or aralkoxy of 7 to 15 carbon atoms, or E is O-T(OH)_b ;~~

~~—— T is a straight or branched chain alkylene of 1 to 18 carbon atoms, cycloalkylene of 5 to 18 carbon atoms, cycloalkenylene of 5 to 18 carbon atoms, a straight or branched chain alkylene of 1 to 4 carbon atoms substituted by phenyl or by phenyl substituted by one or two alkyl groups of 1 to 4 carbon atoms;~~

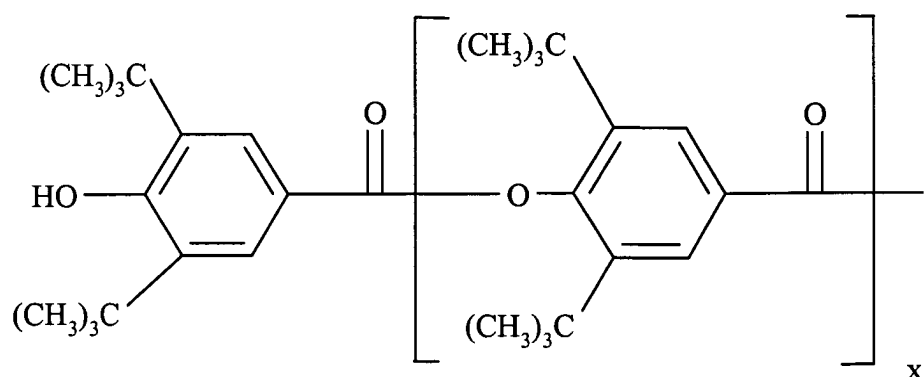
~~—— b is 1, 2 or 3 with the proviso that b cannot exceed the number of carbon atoms in T, and when b is 2 or 3, each hydroxyl group is attached to a different carbon atoms of T;~~

R is hydrogen or methyl,

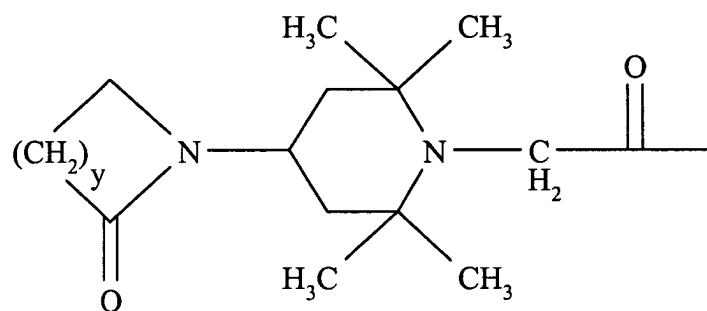
m is 1 to 4,

when m is 1,

R₂ is hydrogen, C₁-C₁₈alkyl or said alkyl optionally interrupted by one or more oxygen atoms, C₂-C₁₂alkenyl, C₆-C₁₀aryl, C₇-C₁₈aralkyl, glycidyl, a monovalent acyl radical of an aliphatic, cycloaliphatic or aromatic carboxylic acid, or a carbamic acid, of a cycloaliphatic carboxylic acid having 5-12 C atoms or of an aromatic carboxylic acid having 7-15 C atoms, or



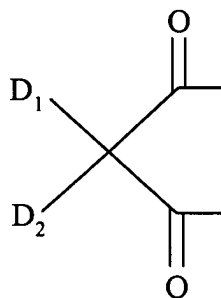
wherein x is 0 or 1,



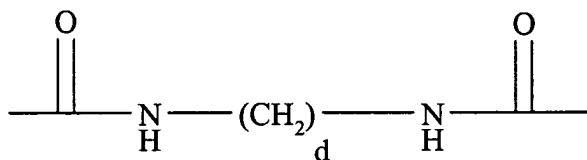
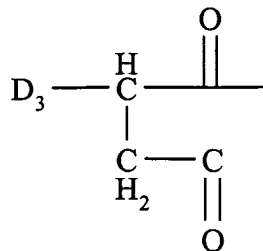
wherein y is 2-4;

when m is 2,

R_2 is C_1 - C_{12} alkylene, C_4 - C_{12} alkenylene, xylylene, a divalent acyl radical of an aliphatic, cycloaliphatic, araliphatic or aromatic dicarboxylic acid or of a dicarbamic acid, of a cycloaliphatic or aromatic dicarboxylic acid having 8-14 C atoms, or of an aliphatic, cycloaliphatic or aromatic dicarbamic acid having 8-14 C atoms;



or



wherein D_1 and D_2 are independently hydrogen, an alkyl radical containing up to 8 carbon atoms, an aryl or aralkyl radical including 3,5-di-*t*-butyl-4-hydroxybenzyl radical, D_3 is hydrogen, or an alkyl or alkenyl radical containing up to 18 carbon atoms, and d is 0-20;

when m is 3, R_2 is a trivalent acyl radical of an aliphatic, unsaturated aliphatic, cycloaliphatic, or aromatic tricarboxylic acid;

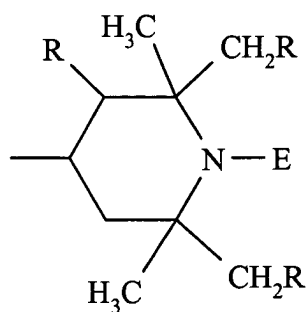
when m is 4, R_2 is a tetravalent acyl radical of a saturated or unsaturated aliphatic or aromatic tetracarboxylic acid including 1,2,3,4-butanetetracarboxylic acid, 1,2,3,4-but-2-enetetracarboxylic, and 1,2,3,5- and 1,2,4,5-pentanetetracarboxylic acid;

p is 1, 2 or 3,

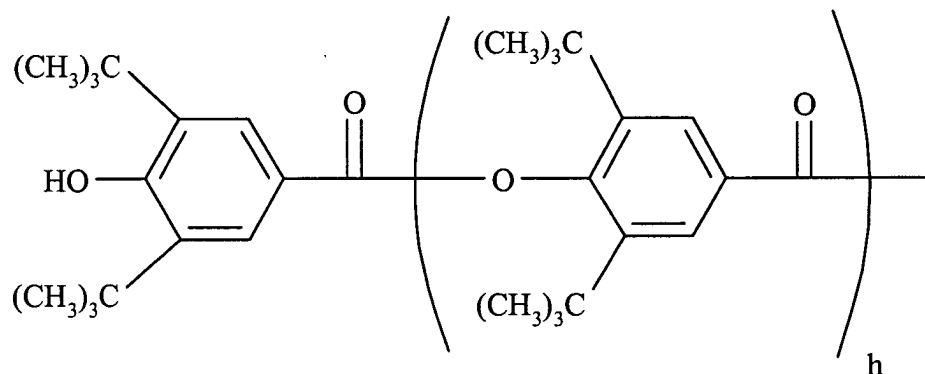
R_3 is hydrogen, C_1 - C_{12} alkyl, C_5 - C_7 cycloalkyl, C_7 - C_9 aralkyl, C_2 - C_{18} alkanoyl, C_3 - C_5 alkenoyl or benzoyl;

when p is 1,

R_4 is hydrogen, C_1 - C_{18} alkyl, C_5 - C_7 cycloalkyl, C_2 - C_8 alkenyl, unsubstituted or substituted by a cyano, carbonyl or carbamide group, aryl, aralkyl, or it is glycidyl, a group of the formula $-CH_2-CH(OH)-Z$ or of the formula $-CO-Z$ or $-CONH-Z$ wherein Z is hydrogen, methyl or phenyl; or a group of the formulae



or



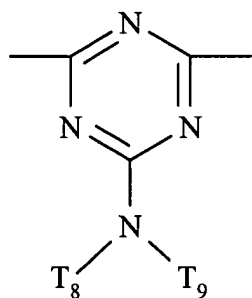
where h is 0 or 1,

R_3 and R_4 together, when p is 1, can be alkylene of 4 to 6 carbon atoms or 2-oxo-polyalkylene the cyclic acyl radical of an aliphatic or aromatic 1,2- or 1,3-dicarboxylic acid,

when p is 2,

R_4 is a direct bond or is C_1 - C_{12} alkylene, C_6 - C_{12} arylene, xylylene, a $-CH_2CH(OH)-CH_2$ group or a group $-CH_2-CH(OH)-CH_2-O-X-O-CH_2-CH(OH)-CH_2-$ wherein X is C_2 - C_{10} alkylene, C_6 - C_{15} arylene or C_6 - C_{12} cycloalkylene; or, provided that R_3 is not alkanoyl, alkenoyl or benzoyl, R_4 can also be a divalent acyl radical of an aliphatic, cycloaliphatic or aromatic dicarboxylic acid or dicarbamic acid, or can be the group $-CO-$; or

R_4 is



where T_8 and T_9 are independently hydrogen, alkyl of 1 to 18 carbon atoms, or T_8 and T_9 together are alkylene of 4 to 6 carbon atoms or 3-oxapentamethylene;

when p is 3,

R_4 is 2,4,6-triazinyl,

n is 1 or 2,

when n is 1,

R_5 and R'_5 are independently C_1 - C_{12} alkyl, C_2 - C_{12} alkenyl, C_7 - C_{12} aralkyl, or R_5 is also hydrogen, or R_5 and R'_5 together are C_2 - C_8 alkylene or hydroxyalkylene or C_4 - C_{22} acyloxyalkylene;

when n is 2,

R_5 and R'_5 together are $(-CH_2)_2C(CH_2)_2$;

R_6 is hydrogen, C_1 - C_{12} alkyl, allyl, benzyl, glycidyl or C_2 - C_6 alkoxyalkyl;

when n is 1,

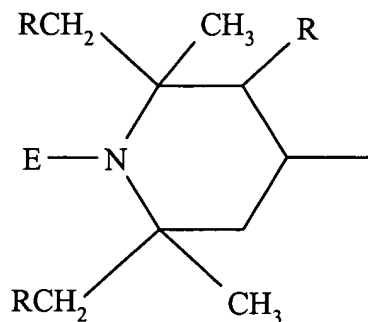
R_7 is hydrogen, C_1 - C_{12} alkyl, C_3 - C_5 alkenyl, C_7 - C_9 aralkyl, C_5 - C_7 cycloalkyl, C_2 - C_4 hydroxyalkyl, C_2 - C_6 alkoxyalkyl, C_6 - C_{10} aryl, glycidyl, a group of the formula $-(CH_2)_t-COO-Q$ or of the formula $-(CH_2)_t-O-CO-Q$ wherein t is 1 or 2, and Q is C_1 - C_4 alkyl or phenyl; or

when n is 2,

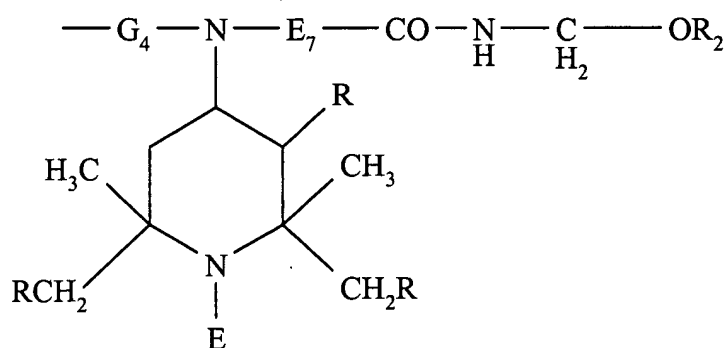
R_7 is C_2 - C_{12} alkylene, C_6 - C_{12} arylene, a group $-\text{CH}_2\text{CH}(\text{OH})-\text{CH}_2-\text{O}-\text{X}-\text{O}-\text{CH}_2-\text{CH}(\text{OH})-\text{CH}_2-$ wherein X is C_2 - C_{10} alkylene, C_6 - C_{15} arylene or C_6 - C_{12} cycloalkylene, or a group $-\text{CH}_2\text{CH}(\text{OZ}')\text{CH}_2-(\text{OCH}_2-\text{CH}(\text{OZ}')\text{CH}_2)_2-$ wherein Z' is hydrogen, C_1 - C_{18} alkyl, allyl, benzyl, C_2 - C_{12} alkanoyl or benzoyl;

Q_1 is $-\text{N}(\text{R}_8)-$ or $-\text{O}-$; E_7 is C_1 - C_3 alkylene, the group $-\text{CH}_2-\text{CH}(\text{R}_9)-\text{O}-$ wherein R_9 is hydrogen, methyl or phenyl, the group $-(\text{CH}_2)_3-\text{NH}-$ or a direct bond;

R_{10} is hydrogen or C_1 - C_{18} alkyl, R_8 is hydrogen, C_1 - C_{18} alkyl, C_5 - C_7 cycloalkyl, C_7 - C_{12} aralkyl, cyanoethyl, C_6 - C_{10} aryl, the group $-\text{CH}_2-\text{CH}(\text{R}_9)-\text{OH}$ wherein R_9 has the meaning defined above; a group of the formula



or a group of the formula



wherein G_4 is C_2 - C_6 alkylene or C_6 - C_{12} arylene; or R_8 is a group $-\text{E}_7-\text{CO}-\text{NH}-\text{CH}_2-\text{OR}_{10}$;

Formula F denotes a recurring structural unit of a polymer where T_3 is ethylene or 1,2-propylene, is the repeating structural unit derived from an alpha-olefin copolymer with an alkyl acrylate or methacrylate; and where k is 2 to 100;

T_4 has the same meaning as R_4 when p is 1 or 2,

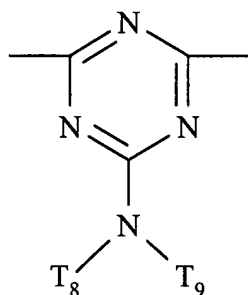
T_5 is methyl,

T_6 is methyl or ethyl, or T_5 and T_6 together are tetramethylene or pentamethylene,

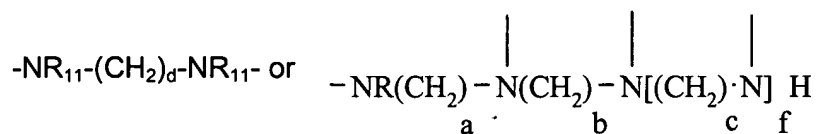
M and Y are independently methylene or carbonyl, and T_4 is ethylene where n is 2;

T_7 is the same as R_7 ,

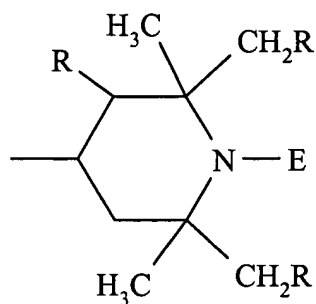
T_{10} and T_{11} are independently alkylene of 2 to 12 carbon atoms, or T_{11} is



T_{12} is piperazinyl,



where R_{11} is the same as R_3 or is also



a, b and c are independently 2 or 3, and f is 0 or 1; and

e is 2, 3 or 4;

T_{13} is the same as R_2 with the proviso that T_{13} cannot be hydrogen when n is 1;

E_1 and E_2 , being different, each are $-CO-$ or $-N(E_5)-$ where E_5 is hydrogen, C_1-C_{12} alkyl or C_4-C_{22} alkoxy carbonylalkyl,

E_3 is hydrogen, alkyl of 1 to 30 carbon atoms, phenyl, naphthyl, said phenyl or said naphthyl substituted by chlorine or by alkyl of 1 to 4 carbon atoms, or phenylalkyl of 7 to 12 carbon atoms, or said phenylalkyl substituted by alkyl of 1 to 4 carbon atoms,

E_4 is hydrogen, alkyl of 1 to 30 carbon atoms, phenyl, naphthyl or phenylalkyl of 7 to 12 carbon atoms, or

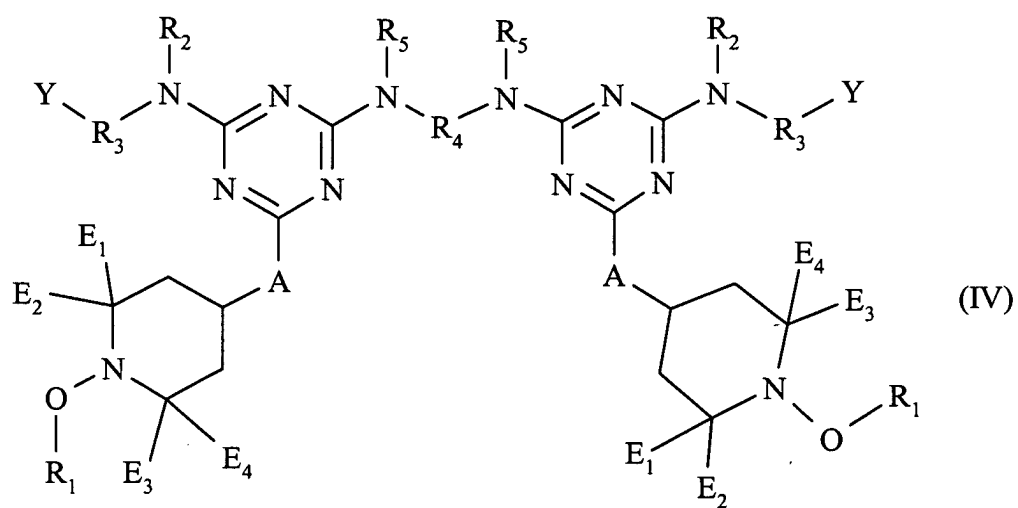
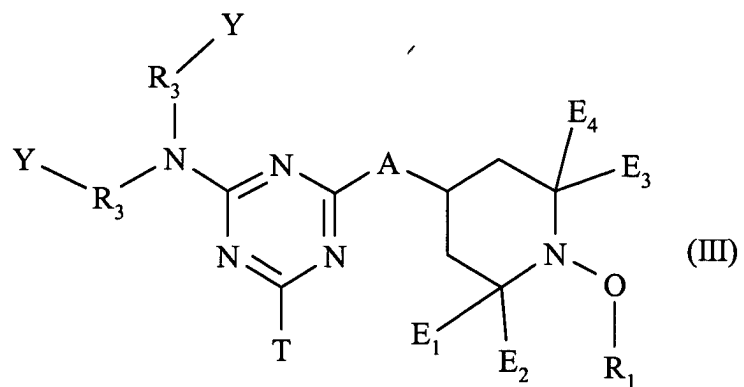
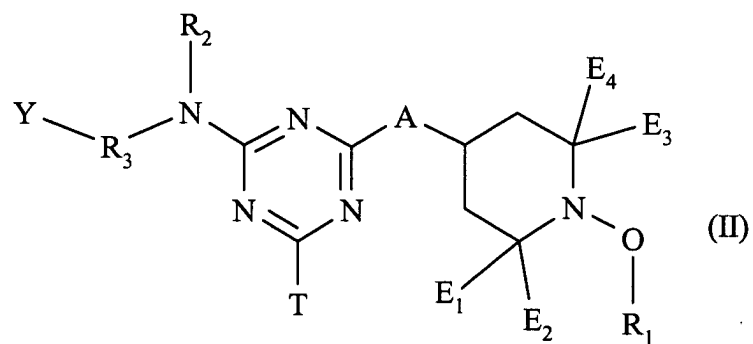
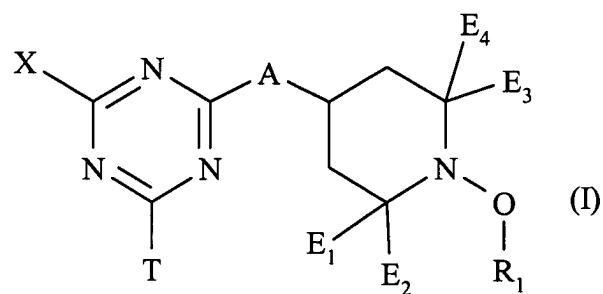
E_3 and E_4 together are polymethylene of 4 to 17 carbon atoms, or said polymethylene substituted by up to four alkyl groups of 1 to 4 carbon atoms,

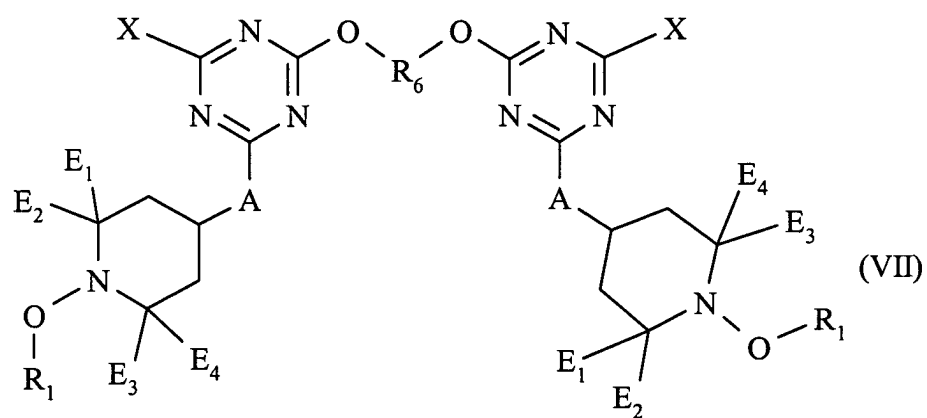
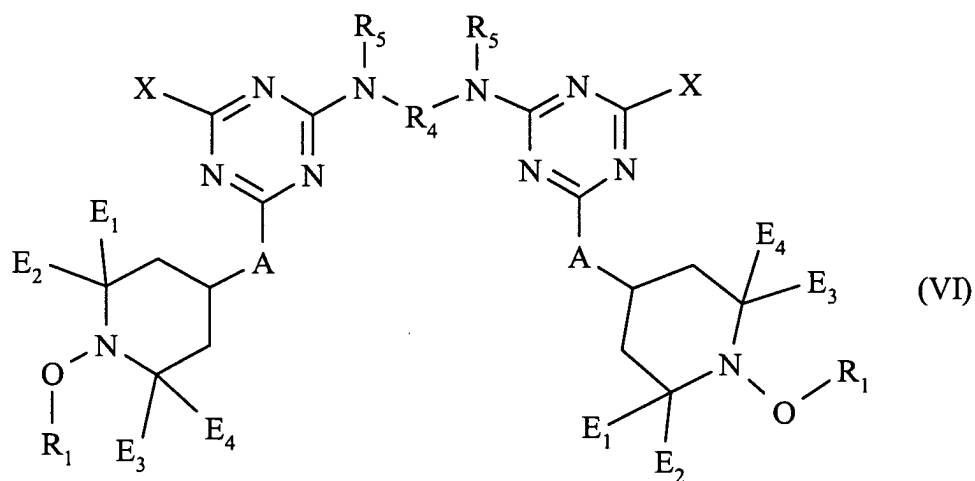
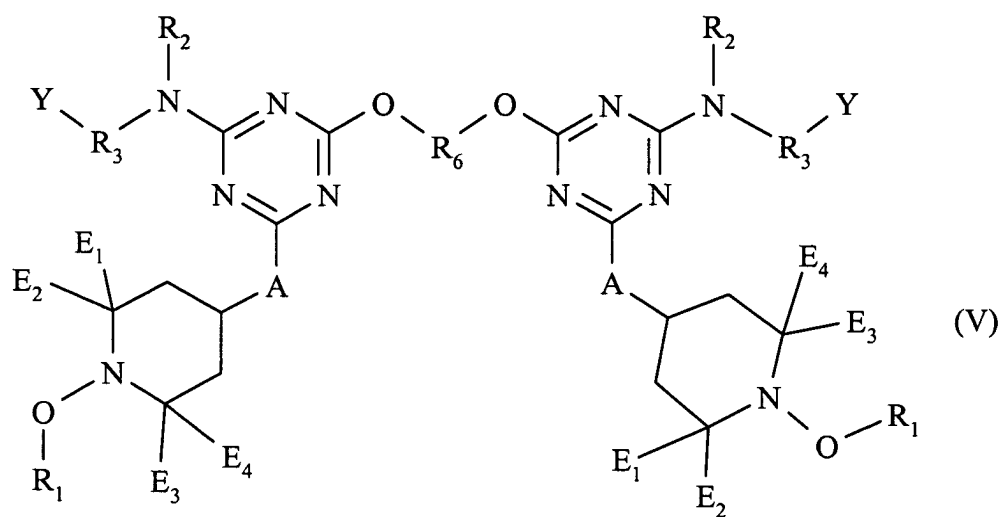
E_6 is an aliphatic or aromatic tetravalent radical,

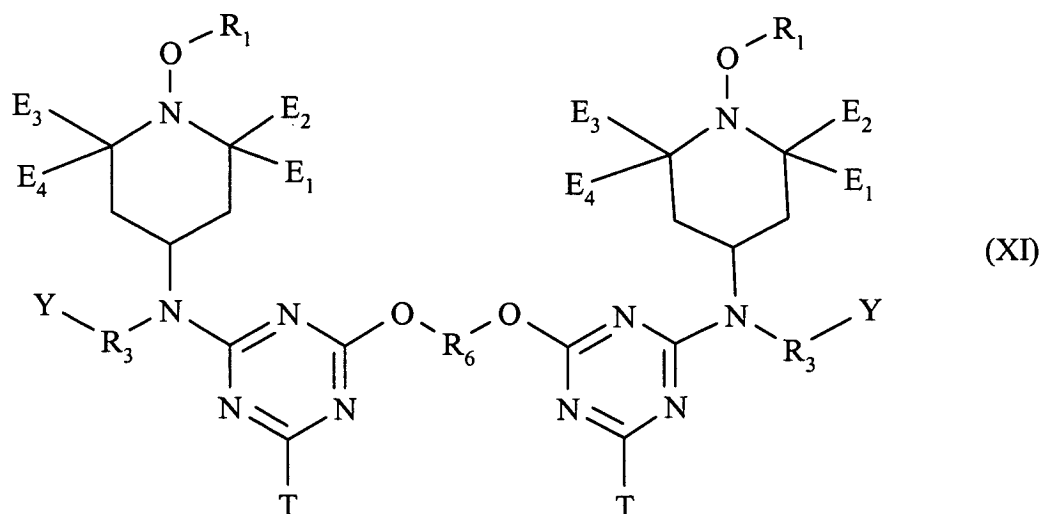
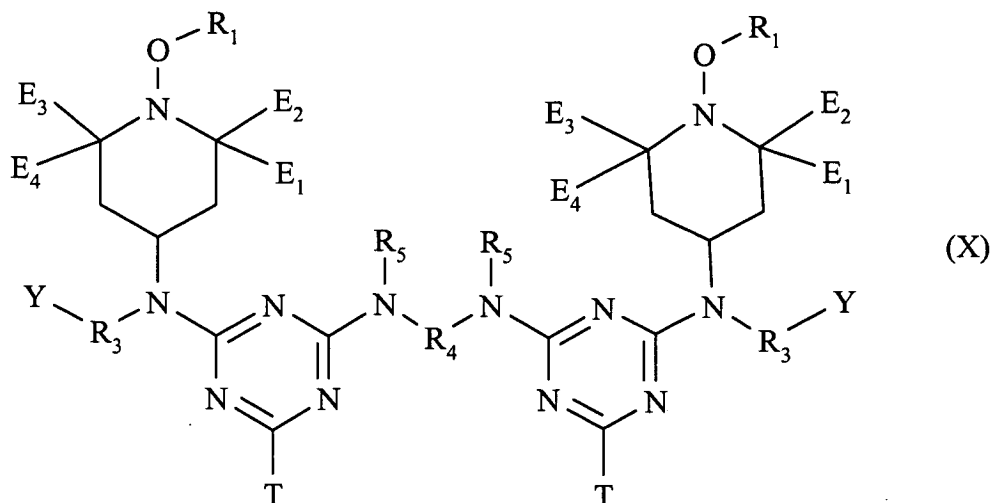
R_2 of formula (N) is a previously defined when m is 1;

G_1 a direct bond, C_1-C_{12} alkylene, phenylene or $-NH-G'-NH$ wherein G' is C_1-C_{12} alkylene; or

wherein the hindered amine compound is a compound of the formula I, II, III, IV, V, VI, VII, VIII, IX, X or XI







wherein

E₁, E₂, E₃ and E₄ are independently alkyl of 1 to 4 carbon atoms, or E₁ and E₂ are independently alkyl of 1 to 4 carbon atoms and E₃ and E₄ taken together are pentamethylene, or E₁ and E₂; and E₃ and E₄ each taken together are pentamethylene,

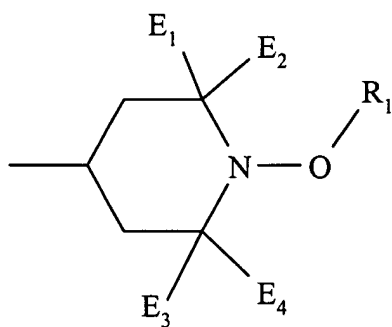
R₁ is -O-methyl, -O-propyl or -O-cyclohexyl~~alkyl of 1 to 18 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, a bicyclic or tricyclic hydrocarbon radical of 7 to 12 carbon atoms, phenylalkyl of 7 to 15 carbon atoms, aryl of 6 to 10 carbon atoms or said aryl substituted by one to three alkyl of 1 to 8 carbon atoms,~~

R_2 is hydrogen or a linear or branched chain alkyl of 1 to 12 carbon atoms,

R_3 is alkylene of 1 to 8 carbon atoms, or R_3 is $-\text{CO}-$, $-\text{CO}-R_4-$, $-\text{CONR}_2-$, or $-\text{CO}-\text{NR}_2-R_4-$,

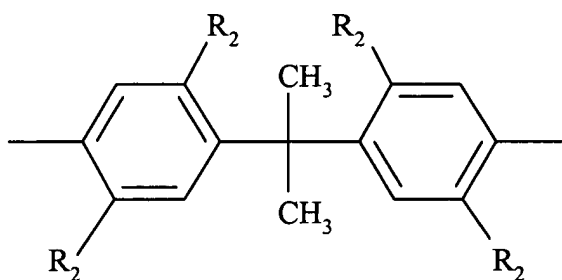
R_4 is alkylene of 1 to 8 carbon atoms,

R_5 is hydrogen, a linear or branched chain alkyl of 1 to 12 carbon atoms, or



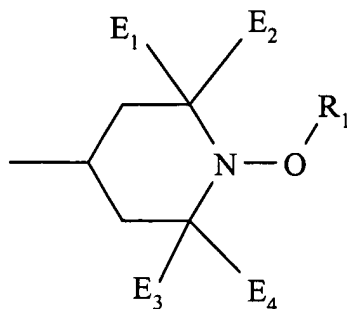
or when R_4 is ethylene, two R_5 methyl substituents can be linked by a direct bond so that the triazine bridging group $-\text{N}(\text{R}_5)-\text{R}_4-\text{N}(\text{R}_5)-$ is a piperazin-1,4-diyl moiety,

R_6 is alkylene of 2 to 8 carbon atoms or R_6 is

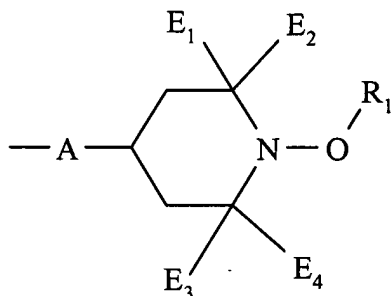


with the proviso that Y is not $-\text{OH}$ when R_6 is the structure depicted above,

A is $-\text{O}-$ or $-\text{NR}_7-$ where R_7 is hydrogen, a straight or branched chain alkyl of 1 to 12 carbon atoms, or R_7 is



T is phenoxy, phenoxy substituted by one or two alkyl groups of 1 to 4 carbon atoms, alkoxy of 1 to 8 carbon atoms or $-N(R_2)_2$ with the stipulation that R_2 is not hydrogen, or T is

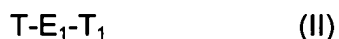
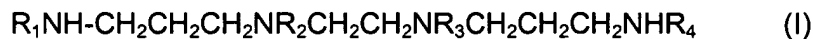


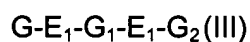
X is $-NH_2$, $-NCO$, $-OH$, $-O$ -glycidyl, or $-NHNH_2$, and

Y is $-OH$, $-NH_2$, $-NHR_2$ where R_2 is not hydrogen; or Y is $-NCO$, $-COOH$, oxiranyl, $-O$ -glycidyl, or $-Si(OR_2)_3$; or the combination R_3-Y is $-CH_2CH(OH)R_2$ where R_2 is alkyl or said alkyl interrupted by one to four oxygen atoms, or R_3-Y is $-CH_2OR_2$;

or

wherein the hindered amine compound is a mixture of N,N',N'' -tris{2,4-bis[(1-hydrocarbyloxy-2,2,6,6-tetramethylpiperidin-4-yl)alkylamino]-s-triazin-6-yl}-3,3'-ethylenediiminodipropylamine; N,N',N'' -tris{2,4-bis[(1-hydrocarbyloxy-2,2,6,6-tetramethylpiperidin-4-yl)alkylamino]-s-triazin-6-yl}-3,3'-ethylenediimino-dipropylamine, and bridged derivatives as described by formulas I, II, IIA and III

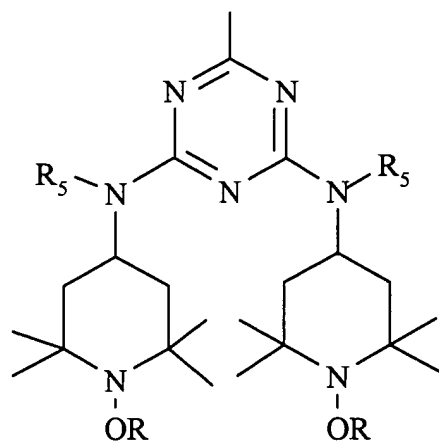




where in the tetraamine of formula I

R_1 and R_2 are the s-triazine moiety E; and one of R_3 and R_4 is the s-triazine moiety E with the other of R_3 or R_4 being hydrogen,

E is



R is methyl, propyl, ~~cyclohexyl or octyl~~, or ~~cyclohexyl or octyl~~,

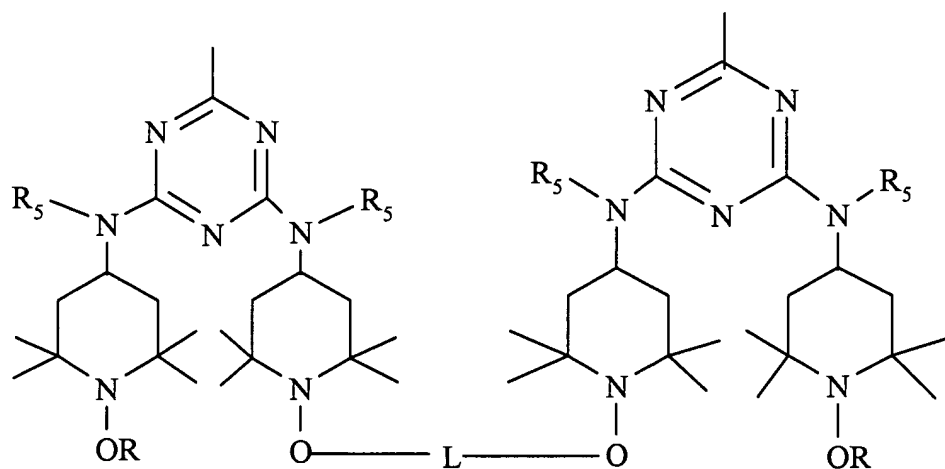
R_5 is alkyl of 1 to 12 carbon atoms,

where in the compound of formula II or IIA when R is propyl, cyclohexyl or octyl,

T and T_1 are each a tetraamine substituted by R_1 - R_4 as is defined for formula I, where

(1) one of the s-triazine moieties E in each tetraamine is replaced by the group E_1 which forms a bridge between two tetraamines T and T_1 ,

E₁ is



or

(2) the group E₁ can have both termini in the same tetraamine T as in formula IIA where two of the E moieties of the tetraamine are replaced by one E₁ group, or

(3) all three s-triazine substituents of tetraamine T can be E₁ such that one E₁ links T and T₁ and a second E₁ has both termini in tetraamine T,

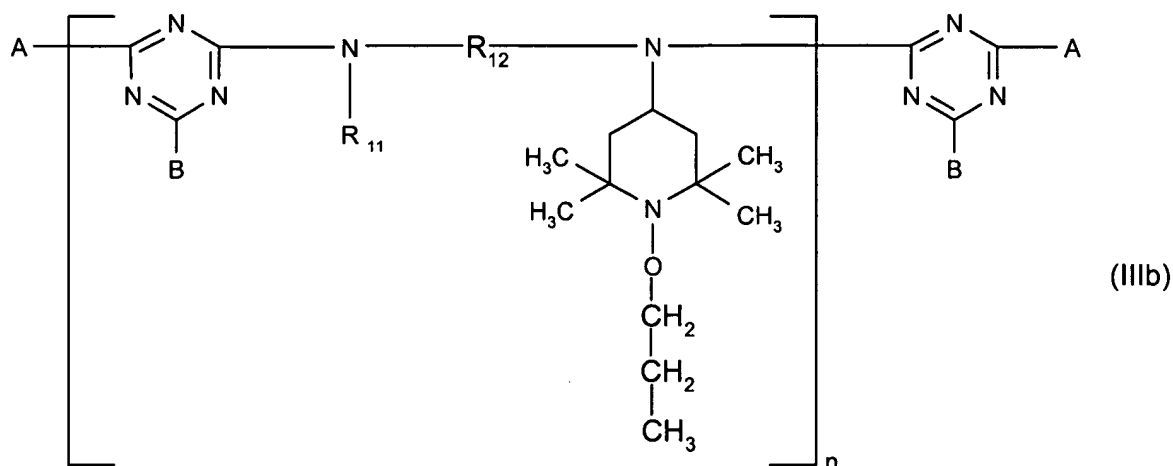
L is propanediyl, cyclohexanediyl or octanediyl;

where in the compound of formula III

G, G₁ and G₂ are each tetraamines substituted by R₁-R₄ as defined for formula I, except that G and G₂ each have one of the s-triazine moieties E replaced by E₁, and G₁ has two of the triazine moieties E replaced by E₁, so that there is a bridge between G and G₁ and a second bridge between G₁ and G₂;

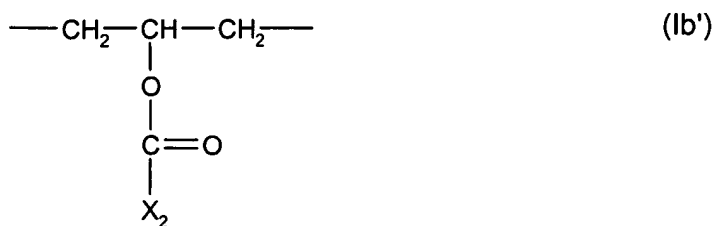
which mixture is prepared by reacting two to four equivalents of 2,4-bis[(1-hydrocarbyloxy-2,2,6,6-tetramethylpiperidin-4-yl)butylamino]-6-chloro-s-triazine with one equivalent of N,N'-bis(3-aminopropyl)ethylenediamine;

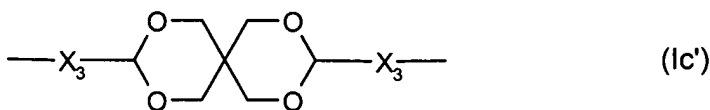
or the hindered amine is a compound of the formula IIIb



in which the index n ranges from 1 to 15;

R_{12} is C_2 - C_{12} alkylene, C_4 - C_{12} alkenylene, C_5 - C_7 cycloalkylene, C_5 - C_7 cycloalkylene-di(C_1 - C_4 alkylene), C_1 - C_4 alkylenedi(C_5 - C_7 cycloalkylene), phenylenedi(C_1 - C_4 alkylene) or C_4 - C_{12} alkylene interrupted by 1,4-piperazinediyl, -O- or $>N-X_1$ with X_1 being C_1 - C_{12} acyl or (C_1 - C_{12} alkoxy)carbonyl or having one of the definitions of R_{14} given below except hydrogen; or R_{12} is a group of the formula (Ib') or (Ic');





X_2 being C_1 - C_{18} alkyl, C_5 - C_{12} cycloalkyl which is unsubstituted or substituted by 1, 2 or 3 C_1 - C_4 alkyl; phenyl which is unsubstituted or substituted by 1, 2 or 3 C_1 - C_4 alkyl or C_1 - C_4 alkoxy; C_7 - C_9 phenylalkyl which is unsubstituted or substituted on the phenyl by 1, 2 or 3 C_1 - C_4 alkyl; and

the radicals X_3 being independently of one another C_2 - C_{12} alkylene;

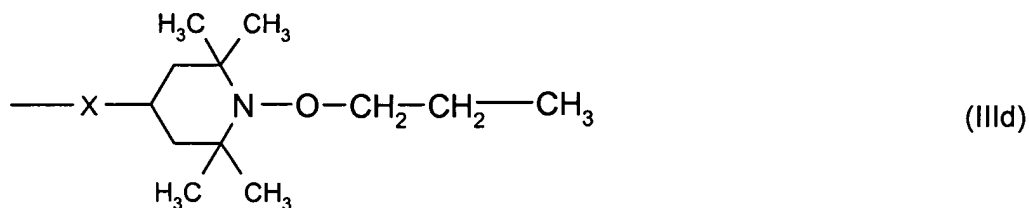
R_{13} , R_{14} and R_{15} , which are identical or different, are hydrogen, C_1 - C_{18} alkyl, C_5 - C_{12} cycloalkyl which is unsubstituted or substituted by 1, 2 or 3 C_1 - C_4 alkyl; C_3 - C_{18} alkenyl, phenyl which is unsubstituted or substituted by 1, 2 or 3 C_1 - C_4 alkyl or C_1 - C_4 alkoxy; C_7 - C_9 phenylalkyl which is unsubstituted or substituted on the phenyl by 1, 2 or 3 C_1 - C_4 alkyl; tetrahydrofurfuryl or C_2 - C_4 alkyl which is substituted in the 2, 3 or 4 position by -OH, C_1 - C_8 alkoxy, di(C_1 - C_4 alkyl)amino or a group of the formula (Ie');



with Y being -O-, -CH₂-, -CH₂CH₂- or >N-CH₃,

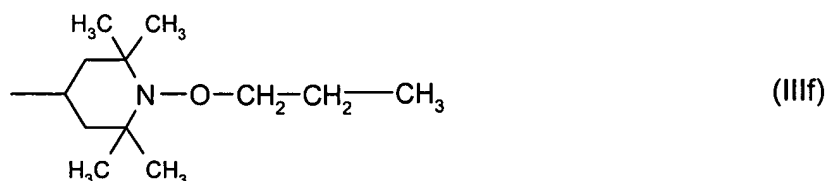
or -N(R_{14})(R_{15}) is additionally a group of the formula (Ie');

the radicals A are independently of one another -OR₁₃, -N(R_{14})(R_{15}) or a group of the formula (IIId);



X is -O- or >N- R_{16} ;

R₁₆ is hydrogen, C₁-C₁₈alkyl, C₃-C₁₈alkenyl, C₅-C₁₂cycloalkyl which is unsubstituted or substituted by 1, 2 or 3 C₁-C₄alkyl; C₇-C₉phenylalkyl which is unsubstituted or substituted on the phenyl by 1, 2 or 3 C₁-C₄alkyl; tetrahydrofurfuryl, a group of the formula (III f),



or C₂-C₄alkyl which is substituted in the 2, 3 or 4 position by -OH, C₁-C₈alkoxy, di(C₁-C₄alkyl)amino or a group of the formula (Ie');

R₁₁ has one of the definitions given for R₁₆; and

the radicals B have independently of one another one of the definitions given for A.

4. (currently amended) A composition according to claim 3 where the alkoxyamines are selected from the group consisting of

1-cyclohexyloxy-2,2,6,6-tetramethyl-4-octadecylaminopiperidine;

~~bis(1-octyloxy-2,2,6,6-tetramethylpiperidin-4-yl) sebacate~~[[:]]

2,4-bis[(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl)butylamino]-6-(2-hydroxyethylamino)-s-triazine;

bis(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl) adipate;

2,4-bis[(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl)butylamino]-6-chloro-s-triazine;

~~1-(2-hydroxy-2-methylpropoxy)-4-hydroxy-2,2,6,6-tetramethylpiperidine~~[[:]]

~~1-(2-hydroxy-2-methylpropoxy)-4-oxo-2,2,6,6-tetramethylpiperidine~~[[:]]

~~1-(2-hydroxy-2-methylpropoxy)-4-octadecanoyloxy-2,2,6,6-tetramethylpiperidine~~[[:]]

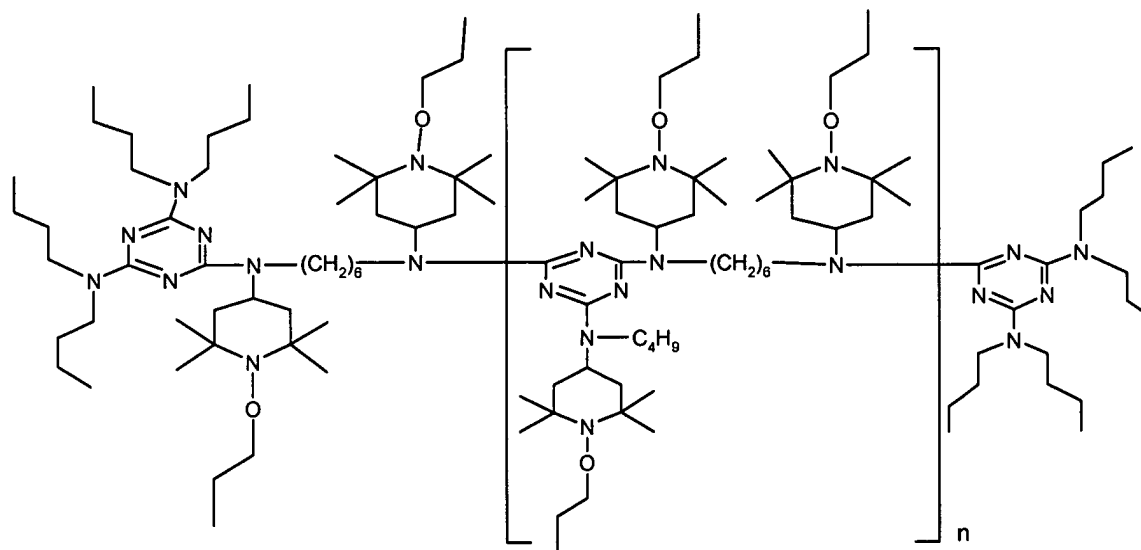
~~bis(1-(2-hydroxy-2-methylpropoxy)-2,2,6,6-tetramethylpiperidin-4-yl) sebacate~~[[:]]

~~bis(1-(2-hydroxy-2-methylpropoxy)-2,2,6,6-tetramethylpiperidin-4-yl) adipate~~[[:]]

~~2,4-bis{N-[1-(2-hydroxy-2-methylpropoxy)-2,2,6,6-tetramethylpiperidin-4-yl]-N-butylamino}-6-(2-hydroxyethylamino)-s-triazine~~[[:]]

the reaction product of 2,4-bis[(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl)butylamino]-6-chloro-s-triazine with N,N'-bis(3-aminopropyl)ethylenediamine [CAS Reg. No. 191680-81-6]; and

the compound of formula



in which n is from 1 to 15.

5. (original) A composition according to claim 3 where E is cyclohexyloxy.

6. (original) A composition according to claim 3 where the alkoxyamines are selected from the group consisting of

the reaction product of 2,4-bis[(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl)butylamino]-6-chloro-s-triazine with N,N'-bis(3-aminopropyl)ethylenediamine [CAS Reg. No. 191680-81-6];

1-cyclohexyloxy-2,2,6,6-tetramethyl-4-octadecylaminopiperidine;

2,4-bis[(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl)butylamino]-6-(2-hydroxyethylamino)-s-triazine;

bis(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl) adipate;

the oligomeric compound which is the condensation product of 4,4'-hexamethylenebis(amino-2,2,6,6-tetramethylpiperidine) and 2,4-dichloro-6-[(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl)butylamino]-s-triazine end-capped with 2-chloro-4,6-bis(dibutylamino)-s-triazine; and

2,4-bis[(1-cyclohexyloxy-2,2,6,6-tetramethylpiperidin-4-yl)butylamino]-6-chloro-s-triazine.

7. (original) A composition according to claim 1 where the organohalogen flame retardants are selected from the group consisting of

chloroalkyl phosphate esters,
tris(2-chloroethyl)phosphate,
polybrominated diphenyl oxide,
decabromodiphenyl oxide,
tris[3-bromo-2,2-bis(bromomethyl)propyl] phosphate,
tris(2,3-dibromopropyl)phosphate
tris(2,3-dichloropropyl)phosphate,
chlorendic acid,
tetrachlorophthalic acid,
tetrabromophthalic acid,
bis-(N,N'-hydroxyethyl)tetrachlorophenylene diamine,
poly-β-chloroethyl triphosponate mixture,
bis(2,3-dibromopropyl ether) of tetrabromobisphenol A,
brominated epoxy resin,
ethylene-bis(tetrabromophthalimide),
bis(hexachlorocyclopentadieno)cyclooctane,
chlorinated paraffins,
octabromodiphenyl ether,
hexachlorocyclopentadiene derivatives,
1,2-bis(tribromophenoxy)ethane,
tetrabromo-bisphenol A,
ethylene bis-(dibromo-norbornanedicarboximide),
bis-(hexachlorocyclopentadieno) cyclooctane,
PTFE,
tris-(2,3-dibromopropyl)-isocyanurate and
ethylene-bis-tetrabromophthalimide.

8. **(original)** A composition according to claim 1 where the organohalogen flame retardants are organobromine flame retardants selected from the group consisting of

polybrominated diphenyl oxide,
decabromodiphenyl oxide,
tris[3-bromo-2,2-bis(bromomethyl)propyl] phosphate,
tris(2,3-dibromopropyl)phosphate
tetrabromophthalic acid,
bis(2,3-dibromopropyl ether) of tetrabromobisphenol A,
brominated epoxy resin,
ethylene-bis(tetrabromophthalimide),
octabromodiphenyl ether,
1,2-bis(tribromophenoxy)ethane,
tetrabromo-bisphenol A,
ethylene bis-(dibromo-norbornanedicarboximide),
tris-(2,3-dibromopropyl)-isocyanurate and
ethylene-bis-tetrabromophthalimide.

9. **(original)** A composition according to claim 1 where the organohalogen flame retardants are brominated hydrocarbyl phosphates or phosphonates.

10. **(original)** A composition according to claim 1 where the organohalogen flame retardant is tris[3-bromo-2,2-bis(bromomethyl)propyl] phosphate or bis(2,3-dibromopropyl ether) of tetrabromobisphenol A.

11. **(original)** A composition according to claim 1 where the thermoplastic resin is polypropylene, polyethylene, propylene/ethylene copolymer or polystyrene.

12. **(canceled)**

13. **(original)** A composition according to claim 1 where the weight ratio of component (i) to component (ii) is about 1:15 to about 1:100.

14. **(original)** A composition according to claim 1 where the weight ratio of component (i) to component (ii) is about 1:25 to about 1:70.

15. **(original)** A composition according to claim 1 where the weight ratio of component (i) to component (ii) is about 1:30 to about 1:50.

16. **(canceled)**

17. **(canceled)**

18. **(original)** A composition according to claim 1 further comprising melamine based flame retardants.

19. **(original)** A composition according to claim 1 containing no filler or a filler in an amount less than about 3% by weight based on the weight of component (a).

20. **(original)** A composition according to claim 1 which further comprises

(c) an acid scavenger.

21. (original) A composition according to claim **20** where the acid scavenger is selected from the group consisting of natural or synthetic hydrotalcites and amorphous basic aluminum magnesium carbonates.

22. (original) A composition according to claim **20** where the acid scavenger is present from about 0.1% to about 1.0% by weight, based on the weight of component (a).

23. (original) A composition according to claim **20** where the acid scavenger is present from about 0.2% to about 0.8% by weight, based on the weight of component (a).

24. (original) An electrical part composition according to claim **1** which is a plug, socket or wire insulation.

25. (original) An electrical part composition according to claim **20** which is a plug, socket or wire insulation.

26. (new) A composition according to claim **1** where the weight ratio of component (i) to component (ii) is about 1:14 to about 1:50.